



Re: Pathogen Data

Barbara Hirst to: Antony Tseng

02/06/2012 08:37 AM

Cc: "Helen Pang", "Marzooq Alebus", Felix Locicero, Rosella OConnor,
Robin.Miller, pii

We understand the need to work through EPA on work being done by your contractor. I believe you have the data now. You will note that there is very little data from the years of interest. We will likely need to revisit our strategy for estimating a geomean-based boundary input.

>>> Antony Tseng <Tseng.Antony@epamail.epa.gov>
2/3/2012 10:48 AM >>>
Barbara,

It is my understanding that Helen sent some data over to the contractor but neither Rosella nor myself have received it. Please resend this and future transmissions to EPA and not the contractor. Due to the limited EPA contract funds available, we want to be absolutely sure EPA has the right data from NJDEP to firmly and soundly close this issue before incurring more contractor costs.

Also note that only the EPA Task Order Manager or his/her alternate can provide the contractor the technical direction to proceed.

This TMDL is a priority on our end and are committed to working with you on this.

Thanks,
- Antony

Antony Tseng
US EPA Region 2
Clean Water Regulatory Branch
TMDL/Standards Team
290 Broadway, 24th Fl
New York, NY 10007-1866
(212) 637-3777 / fax (212) 637-3891

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done to limit the
distribution of computer viruses introduced into the
EPA network. If you
have a legitimate computer program to send via email,
please contact me
for further instructions. Thank you.

From: "Barbara Hirst"
<Barbara.Hirst@dep.state.nj.us>
To: "Marzooq Alebus"
<Marzooq.Alebus@dep.state.nj.us>, Antony
Tseng/R2/USEPA/US@EPA
Cc: Felix Locicero/R2/USEPA/US@EPA, Rosella
OConnor/R2/USEPA/US@EPA,
<Robin.Miller@hdrinc.com>, <pii@rti.org>
Date: 02/02/2012 07:55 AM
Subject: Re: Pathogen Data

We are going to provide a more specific data run.
Stay tuned.

>>> Antony Tseng <Tseng.Antony@epamail.epa.gov>
2/1/2012 5:24 PM >>>
Marzooq,

The link you provided cites 24 USGS stations. Before
I provide technical
direction for the contractor to proceed with an
evaluation the pathogen
data and propose a variable boundary condition at the
Dundee Dam, can you
be more specific which station is relevant?

Agency
Site Number
Site Name
Period of Record
Begin Date
End Date
Samples
USGS
01378660
Passaic River at Tempe Wick Rd near Mendham NJ
2000-11-29
2002-08-08
19
USGS
01378670
Passaic River at Morristown National Hist Park NJ
2006-08-15
2007-08-07
3
USGS
01378690
Passaic River near Bernardsville NJ
1965-04-15

2009-05-07
78
USGS
01378700
Passaic River at outlet of Osborn Pond NJ
1962-04-20
1963-09-23
5
USGS
01379000
Passaic River near Millington NJ
1923-08-16
2009-05-07
399

USGS
01379300
Passaic River at Stirling NJ
1968-08-30
2009-09-25
17
USGS
01379340
Passaic R at Berkeley Heights NJ
2008-09-22
2009-05-07
4
USGS
01379500
Passaic River near Chatham NJ
1960-03-02
2006-12-12
381
USGS
01379504
Passaic River at Summit Avenue at Chatham NJ
2009-06-05
2009-06-05
1
USGS
01379550
Passaic R at Lower Chatham Bridge nr Chatham NJ
2008-09-22
2009-06-05
4

USGS
01379570
Passaic R at Hanover NJ
1963-06-25
2009-04-10

39
USGS
01379580
Passaic River near Hanover Neck NJ
1963-12-09
1965-04-27
2
USGS
01381900
Passaic River at Pine Brook NJ
1963-06-25
2011-09-01
101
USGS
01382000
Passaic River at Two Bridges NJ
1963-06-25
2011-11-16
495
USGS
01389005
Passaic River below Pompton Riv at Two Bridges NJ
1987-06-09
1999-06-17
136

Agency
Site Number
Site Name
Period of Record
Begin Date
End Date
Samples
USGS
01389110
Passaic River at Route 46 at Singac NJ
1974-07-31
2006-05-15
426
USGS
01389400
Passaic River at Route 23 at Singac NJ
2008-09-22
2009-05-08
4
USGS
01389500
Passaic River at Little Falls NJ
1952-01-28
2011-11-17
949
USGS
01389630
Passaic R at Totowa Rd at Totowa NJ
2003-10-15
2003-10-15
1
USGS
01389800
Passaic River at Paterson NJ
1967-09-16

2009-05-08
11

USGS
01389880
Passaic R at Rt 46 at Elmwood Park NJ
1974-07-22
2011-09-01
170
USGS
01389895
Passaic River at Outwater Lane at Garfield NJ
2003-11-19
2006-12-12
2
USGS
01392100
Passaic R at Rutherford NJ
1969-08-06
1970-05-25
11
USGS
01392600
Passaic R at Harrison NJ
1970-06-22
1974-06-26
58

Thanks,
- Antony

Antony Tseng
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From: "Marzooq Alebus"
<Marzooq.Alebus@dep.state.nj.us>
To: <Robin.Miller@hdrinc.com>
Cc: "Barbara Hirst"
<Barbara.Hirst@dep.state.nj.us>, "Debra Hammond"
<Debra.Hammond@dep.state.nj.us>, "Helen Pang"
<Helen.Pang@dep.state.nj.us>, "Jeffrey Reading"
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<Pilar.Patterson@dep.state.nj.us>, Jeff
Gratz/R2/USEPA/US@EPA, Felix
Locicero/R2/USEPA/US@EPA, Robert
Nyman/R2/USEPA/US@EPA, Rosella
OConnor/R2/USEPA/US@EPA, Antony Tseng/R2/USEPA/US@EPA
Date: 02/01/2012 03:48 PM
Subject: Pathogen Data

Hi Robin,

Here are the link to all the data sampled at Passaic
R upstream of Dundee:

http://nwis.waterdata.usgs.gov/nj/nwis/qwdata?search_station_nm=PassaicRiver&search_station_nm_match_type=beginning&format=s_tation_list&sort_key=site_no&group_key=NONE&inventory_output=0&rdb_inventory_output=file&TZoutput=0&pm_cd_compare=Greater

[than&radio_parm_cds=all_parm_cds&qw_attributes=0&qw_sample_wide=wide&rdb_qw_attributes=0&date_format=YYYY-MM-DD&rdb_compression=file&list_of_search_criteria=search_station_nm](http://nwis.waterdata.usgs.gov/nj/nwis/qwdata?search_station_nm=PassaicRiver&search_station_nm_match_type=beginning&format=s_tation_list&sort_key=site_no&group_key=NONE&inventory_output=0&rdb_inventory_output=file&TZoutput=0&pm_cd_compare=Greater)

I hope the attached data can be of some use to
provide long term
assessment of the boundary at Passaic R at Dundee

Pathogen indicators sampled from year 2000 to 2011:

31615 - Fecal coliform, EC broth method, water,
most probable number
per 100 milliliters
31633 - Escherichia coli, m-TEC MF method, water,
colonies per 100
milliliters
31649 - Enterococci, m-E MF method, water,
colonies per 100
milliliters
31686 - Total coliform, water, most probable
number per 100
milliliters

Helen, could you please check if this is all the data we have

If you've question, please let's know

Thank you,
Marco

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